YNK-DBR No. 02
Date 25.04.2020

SBR NO: 01
24.04.2020

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No: First and Final Bill

Date.....2018

Division: **Yelahanka**

Sub-Division: **Yelahanka Satellite Town Sub Division**

Bill Received No.

Dated Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: Est.Cost- 200 Lakhs P-3749

Sub Divisional **Work Code: 003-20-000083**

Name of Work: **Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division**

Name of Contractor and Full Address: **M/s. Technical Manager (West), KRIDL, Bangaluru, 5th Block, 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.**

Reference to Agreement No: **BBMP/EE/YNK.D/W.O/183/2019-20** Date: **09-11-2019**

Certified that the measurements were taken by me on 7/2/2020 and recorded of Pages 493601 to 493604/2 of measurement Book No. 4937/2019-20 and that the work is satisfactorily executed.

Asst. Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

7/2/2020
Officer-in-charge of work

Certified that the measurements were taken by me on 07/02/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Yelahanka Satellite Town
Sub-Division
BBMP, Bengaluru-560

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated..... S.D. No..... towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated..... less adjustments.
7) Net amount due to or from Contractor
8) Advance to Contractor for materials brought to site (as detailed) within
9) Value of Government materials supplied.

Gross Amt = Rs 19599742-00
Amount adjusted Rs
S.D. Rs 979938-00
CGST = Rs 174999-00
SGST = Rs 174999-00
IT = Rs 391975-00
LC = Rs 195987-00
CBF Rs 1959-00
Royalty = Rs 109462-20
Total amount adjusted -
T.D. = Rs 2046939-00
Asst. Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore
Contractor's Signature
Amt = Rs 17551803-00

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Witness
1.
2.
Dated

Signature of Officer making payment

Asst. Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Paid by me by Cheque ..... Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

(For use in the Office)

Audited & Admitted for Rs. 19599742-00

Stamp

17551803-00 by Cheque
and Rs. 2046939-00 by Cash

Executive Engineer

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Cum	772.51	-	-	-	772.51	207.60	160373	772.51	160373	
2	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	2.47	-	-	-	2.47	5747.32	14173	2.47	14173	
3	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete, and as per the directions of the Engineer-in-charge of the work	Nos	548.00	-	-	-	548.00	432.48	236999	548.00	236999	
4	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Sqm	98.64	-	-	-	98.64	84.80	8365	98.64	8365	

Description	unit	Tender Qnty	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	Remar
						10309.56	41.54	426197	10309.56	426197	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remar
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
5	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	10309.56	-	-	-	10309.56	41.34	426197	10309.56	426197	
6	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	10309.56	-	-	-	10309.56	6.36	65569	10309.56	65569	
7	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	1546.43	-	-	-	1546.43	1994.92	3085011	1546.43	3085011	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
8	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Cum	2371.20	-	-	-	2371.20	2001.28	4745430	2371.20	4745430	
9	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications, and as per the directions of the Engineer-in-charge of the work	Sqm	10309.56	-	-	-	10309.56	22.26	229491	10309.56	229491	
10	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	10309.56	-	-	-	10309.56	33.92	349700	10309.56	349700	
11	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	515.48	-	-	-	515.48	7428.48	3829216	515.48	3829216	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Rem
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
12	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Sqm	10309.56	-	-	-	10309.56	5.30	54641	10309.56	54641	
13	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	10309.56	-	-	-	10309.56	12.72	131138	10309.56	131138	
14	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Cum	309.29	-	-	-	309.29	8699.12	2690614	309.29	2690614	
15	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Sqm	384.70	-	-	-	384.62	453.74	174902	384.62	174902	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
16	Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97-DO III Dt 11.06.1997.The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree.The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30mm)from the body is to be a minimum value of 500kg. Fixing will be by drilling holes on the road for the shanks to go inside, without ails and using epoxy resin based adhesive as per manufacture's recommendation, and as per the directions of the Engineer-in-charge of the work	Nos	1654.00	-	-	-	1654.00	357.22	590842	1654.00	590842	
17	Filling in foundation with granite trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge. 40mm Jelly	Cum	0.62	-	-	-	0.62	1901.00	1179	0.62	1179	
18	Filling in foundation with granite trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge. 20mm Jelly	Cum	0.62	-	-	-	0.62	1901.00	1179	0.62	1179	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		R
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
19	Filling in foundation with granite trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	0.47	-	-	-	0.47	2651.00	1233	0.47	1233	
20	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge Fine sand	Cum	0.31	-	-	-	0.31	2651.00	822	0.31	822	
21	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge. 12.5mm chips	Cum	0.47	-	-	-	0.47	1901.00	884	0.47	884	
22	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe allround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle tee, stud ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for: HDPE Grade PE80-PN6.0, 630mm dia (Perforated Pipe for Rain Water Harvesting Pit) (BWSSB SR as per specifications per specifications and directions of the Engineer in charge	Rmt	9.00	-	-	-	9.00	10822.32	97401	9.00	97401	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
23	Providing of Geonets for Rain Water Harvesting pit on the filter media as specified in drawings or as approved by Engineer Incharge	Sqm	1.56	-	-	-	1.56	71.03	111	1.56	111	
			Sub Total						16895467		16895467	
			GST 12%								2027456	
			Add KRIDL @ 4%								675819	
			Total Amount								19598742	

Asst Engineer
Yelahanka / Yeshwanthpura Sub Division,
KRIDL, BBMP, Bengaluru

Certificate

1 The Work executed is found satisfactory
2. The contractor has removed the debris from the work spot
3. Thereare no departmental issues for this work

Asst Engineer

7/2/2020

Assistant Executive Engineer
Yelahanka Satellite Town
Sub-Division
BBMP, Bengaluru-560

Asst Executive Engineer